

WEST Search History

[Hide Items](#) | [Restore](#) | [Clear](#) | [Cancel](#)

DATE: Thursday, June 16, 2005

<u>Hide?</u>	<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>				
<input type="checkbox"/>	L56	6492816		3
<input type="checkbox"/>	L55	6081117		4
<input type="checkbox"/>	L54	5886548		8
<input type="checkbox"/>	L53	5990680		7
<input type="checkbox"/>	L52	L51 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)		26
<input type="checkbox"/>	L51	L50 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)		33
<input type="checkbox"/>	L50	L48 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))		104
<input type="checkbox"/>	L49	L48 and ((magnetic adj resonance) or MRI or NMR)		239
<input type="checkbox"/>	L48	((self with shield\$3) and (gradient))		492
<input type="checkbox"/>	L47	L46 and (gradient)		2
<input type="checkbox"/>	L46	L45 and (self with shield\$3)		2
<input type="checkbox"/>	L45	5570021		22
<input type="checkbox"/>	L44	(4646024 4737716 4978920 5570021)![pn]		8
<input type="checkbox"/>	L43	L40 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)		5
<input type="checkbox"/>	L42	L41 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))		14
<input type="checkbox"/>	L41	L40 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface or first or second or primary or secondary)		54
<input type="checkbox"/>	L40	(self with shield\$4 with gradient with (device or apparatus or assembly))		55
<input type="checkbox"/>	L39	(self with shield\$4 with gradient with assembly)		48
<i>DB=USPT; PLUR=YES; OP=ADJ</i>				
<input type="checkbox"/>	L38	6252404.pn.		1
<input type="checkbox"/>	L37	6252404.pn.		1
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>				
<input type="checkbox"/>	L36	fetzner and acoustic\$4		18
<input type="checkbox"/>	L35	L34 and (layer or film or insulat\$4 or sandwich\$4)		23
<input type="checkbox"/>	L34	L33 and (cylinder or tube or cylindrical\$2 or bore)		27
<input type="checkbox"/>	L33	L32 and (ceramic or glass or filament or carbon or fiber or fibrous or non-		27

	conduct\$4 or "non conduct\$4" or modulus)	
<input type="checkbox"/>	L32 L31 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)	36
<input type="checkbox"/>	L31 L30 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))	128
<input type="checkbox"/>	L16 and ((inner or outer or inside or outside or internal\$2 or external\$2 or surface or first or second or primary or secondary) with (gradient) with (assembl\$4))	447
<input type="checkbox"/>	L29 L28 and (outer with inner with gradient)	22
<input type="checkbox"/>	L28 L27 and L22	60
<input type="checkbox"/>	L27 L26 or L25 or L24	14729
<input type="checkbox"/>	L26 (335/296 335/297 335/298 335/299 335/300 335/301).ccls. (600/407 600/408 600/409 600/410 600/411 600/412 600/413 600/414	2795
<input type="checkbox"/>	L25 600/415 600/416 600/417 600/418 600/419 600/420 600/421 600/422 600/423).ccls. (324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307	5057
<input type="checkbox"/>	L24 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.	8344
<input type="checkbox"/>	L23 L22 and (viscoelastic or viscoelasti\$4)	22
<input type="checkbox"/>	L22 L21 and (layer or film or insulat\$4 or sandwich\$4)	134
<input type="checkbox"/>	L21 L20 and (cylinder or tube or cylindrical\$2 or bore)	152
<input type="checkbox"/>	L20 L19 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	163
<input type="checkbox"/>	L19 L18 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)	216
<input type="checkbox"/>	L18 L17 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))	817
<input type="checkbox"/>	L17 L16 and (gradient with (coil or assembly or assemblies))	3109
<input type="checkbox"/>	L16 L15 and ((inner or outer or inside or outside or internal\$2 or external\$2 or surface or first or second or primary or secondary) with (gradient))	6801
<input type="checkbox"/>	L14 L14 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface)	33585
<input type="checkbox"/>	L14 L13 and (gradient)	44520
<input type="checkbox"/>	L13 ((magnetic adj resonance) or MRI or NMR)	205210
<input type="checkbox"/>	L12 L10 and (gradient with coil)	8
<input type="checkbox"/>	L11 L10 and (gradient adj coil)	7
<input type="checkbox"/>	L10 L9 and (cylinder or tube or cylindrical\$2 or bore)	58
<input type="checkbox"/>	L9 L8 and (rubber or foam)	60
<input type="checkbox"/>	L8 L7 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	66
<input type="checkbox"/>	L7 L6 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface)	66
<input type="checkbox"/>	L6 L5 and (layer or film or insulat\$4 or sandwich\$4)	68

<input type="checkbox"/>	L5	L3 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))	70
<input type="checkbox"/>	L4	L3 and (dampen\$4 or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))	35
<input type="checkbox"/>	L3	L2 and (gradient)	339
<input type="checkbox"/>	L2	L1 and ((magnetic adj resonance) or MRI or NMR)	1052
<input type="checkbox"/>	L1	viscoelastic	18068

END OF SEARCH HISTORY

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 8 of 8 returned.

1. Document ID: US 20050040825 A1

L12: Entry 1 of 8

File: PGPB

Feb 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050040825

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050040825 A1

TITLE: Acoustically damped gradient coil

PUBLICATION-DATE: February 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sellers, Michael Ben	Florence	SC	US	
Duby, Tomas	Florence	SC	US	
Clarke, Neil	Florence	SC	US	
Mantone, Anthony	Florence	SC	US	

US-CL-CURRENT: 324/318

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [References](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Ds](#)

2. Document ID: US 20040196041 A1

L12: Entry 2 of 8

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040196041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040196041 A1

TITLE: Magnetic resonance tomography device having a noise-suppressing function by damping mechanical vibrations

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Drobnitzky, Matthias	Spardorf		DE	

US-CL-CURRENT: 324/318; 324/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawings](#)

3. Document ID: US 20030088172 A1

L12: Entry 3 of 8

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088172

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088172 A1

TITLE: Magnetic resonance tomography apparatus with damping of mechanical vibrations by the use of material with electrostrictive properties

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuth, Rainer	Herzogenaurach		DE	

US-CL-CURRENT: 600/407

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawings](#)

4. Document ID: US 20030025582 A1

L12: Entry 4 of 8

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025582

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030025582 A1

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arz, Winfried	Erlangen		DE	
Boemmel, Franz	Erlangen		DE	
Dietz, Peter	Nuernberg		DE	
Weber, Matthias	Fuerth		DE	

US-CL-CURRENT: 335/296

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawings](#)

5. Document ID: US 6831461 B2

L12: Entry 5 of 8

File: USPT

Dec 14, 2004

US-PAT-NO: 6831461
DOCUMENT-IDENTIFIER: US 6831461 B2

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arz; Winfried	Erlangen			DE
Boemmel; Franz	Erlangen			DE
Dietz; Peter	Nuremberg			DE
Weber; Matthias	Fuerth			DE

US-CL-CURRENT: 324/318; 324/322 6. Document ID: US 5764059 A

L12: Entry 6 of 8

File: USPT

Jun 9, 1998

US-PAT-NO: 5764059
DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319 7. Document ID: US 5256969 A

L12: Entry 7 of 8

File: USPT

Oct 26, 1993

US-PAT-NO: 5256969
DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [TOC](#) | [Docket](#)
 8. Document ID: US 4954781 A

L12: Entry 8 of 8

File: USPT

Sep 4, 1990

US-PAT-NO: 4954781

DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [TOC](#) | [Docket](#)
[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

Term	Documents
GRADIENT	278868
GRADIENTS	68611
COIL	1234689
COILS	409474
(10 AND (GRADIENT WITH COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8
(L10 AND (GRADIENT WITH COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6441614 B1

L47: Entry 1 of 2

File: USPT

Aug 27, 2002

US-PAT-NO: 6441614

DOCUMENT-IDENTIFIER: US 6441614 B1

TITLE: Filler material for magnet resonant system self-shielded gradient coil assemblies

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
Mantone; Anthony	Brookfield	WI		

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/320, 324/322

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [References](#) [Claims](#) [TOC](#) [OACS](#)

2. Document ID: US 5570021 A

L47: Entry 2 of 2

File: USPT

Oct 29, 1996

US-PAT-NO: 5570021

DOCUMENT-IDENTIFIER: US 5570021 A

TITLE: MR gradient set coil support assembly

DATE-ISSUED: October 29, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dachniwskyj; Roman I.	Pewaukee	WI		
Dean; David E.	Florence	SC		
Ebbin; Thomas G.	Sullivan	WI		
Frederick; Perry S.	Waukesha	WI		
Jenders; Donald J.	Brookfield	WI		
Radziun; Michael J.	Waterford	WI		

Sue; Peter L.

Florence

SC

US-CL-CURRENT: 324/318[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
GRADIENT	278868
GRADIENTS	68611
(46 AND GRADIENT).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
(L46 AND (GRADIENT)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

Display Format: [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)